



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/000,288	05/05/1998	RISTO LAUKKANEN	PMS244704	5040
909	7590	05/17/2004	EXAMINER	
PILLSBURY WINTHROP, LLP P.O. BOX 10500 MCLEAN, VA 22102			TSE, YOUNG TOI	
			ART UNIT	PAPER NUMBER
			2634	12

DATE MAILED: 05/17/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/000,288

Applicant(s)

LAUKKANEN, RISTO

Examiner

YOUNG T. TSE

Art Unit

2634

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 26 September 2000.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 8-25 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 8-25 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 26 September 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>8</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Drawings

1. The drawings were received on 26 September 2000. These drawings are accepted.

Specification

2. The disclosure is objected to because of the following informalities: the substitute specification filed on 19 January 2001 has been received, however, Applicant is request to review the entire specification to correct the minor informalities because some of the words are not English words (see page 1, line 18; page 2, lines 20 and 23; page 3, lines 1, 15 and 17; page 4, lines 1, 4, 6-7 and 17; and page 10, lines 9-11). Further, on page 5, line 18, "short." Should be – short – and page 7, line 13, "another." Should be – another --. Appropriate correction is required.

Claim Objections

3. Claims 17 is objected to because of the following informalities: in claim 17, line 2 and line 25, "apparatus" and "between said between" should be – system – and – between --, respectively. Appropriate correction is required.

Double Patenting

4. Claims 22 and 24 are objected to under 37 CFR 1.75 as being a substantial duplicate of claim 19. When two claims in an application are duplicates or else are so close in content that they both cover the same thing, despite a slight difference in wording, it is proper after allowing one claim to object to the other as being a substantial duplicate of the allowed claim. See MPEP § 706.03(k).

Claim Rejections - 35 USC § 112

5. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

6. Claims 8-16, 20, and 22-25 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In claim 8, lines 17-19, the phrase "wireless communication apparatuses" lacks antecedent basis since claim 8 recites one wireless communication apparatus only.

In line 1 of claims 10-15 and lines 1-2 of claim 16, the phrases "further including ..." are vague and indefinite because they do not further recite any new subject matter other than the subject matter already recited in the independent claim 8.

In claims 11, 13, 15, 20, 22, and 24, the phrase "... via standard I/O ports, without the use of wireless communication programs" is also vague and indefinite because the connection of an I/O port is not always control or use of wireless communication programs.

In claim 23 (lines 2 and 3) and claim 25 (lines 2 and 3), the phrases "said first and second wireless communication devices", "said first and second host units", and "said first and second connection mechanisms" all lack antecedent basis.

Claim Rejections - 35 USC § 102

7. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

8. Claims 8-25 are rejected under 35 U.S.C. 102(e) as being anticipated by Stutman et al. (Newly cited).

Stutman et al. (U.S. Patent No. 5,954,793) discloses a remotely-configurable information distribution system in Figure 1 selectively filters inbound information in response to selection and limit parameters provided by a remotely-connected processing device.

Referring to Figure 1, the information distribution system comprises a host computer 12, a plurality of subscriber units 20, a hospital source 15 and a financial/news source 15 (col. 4, lines 7-23)

The host computer 12 comprises a communications system 30 for transmitting/receiving information or data packets from/to the subscriber units 20 and is coupled to a

Art Unit: 2634

CPU 14, a memory 16, an I/O unit 17, and storage devices 18 through a communication bus 13 (col. 4, lines 24-37).

The detailed embodiment of the communications system 30 is shown in Figure 3 including a transceiver 32, a processor 34, a memory 36, and an adapter 38 (col. 5, lines 18-37).

The detailed embodiment of the subscriber unit 20 is shown in Figure 2 comprising the similar block elements as shown in the communications system 30 of Figure 3 having a transceiver 23, a microprocessor 22, a memory 24, and an I/O unit 26 coupled by a communication bus 210 (col. 4, lines 61-66 and col. 5, lines 38-42).

Figure 4 shows the software performance of the filter selection and limit parameters at the subscriber unit 20 and the communications system 30 (col. 5, line 57 to col. 6, line 19).

With respect to claims 8 and 17, the communications system 30 is considered as a first communication apparatus comprising transmitter and receiver (transceiver 32), a processor 34, a filter mechanism within the software interface modules 110, and a signal conversion mechanism 38 for communication with a host unit (14 and 16-18) through the communication bus 13. The subscriber unit 20 is considered as a second communication apparatus comprising transmitter and receiver (transceiver 22), a microprocessor 22, a filter mechanism within the software modules 50, and a signal conversion mechanism (not shown) which may be within the transceiver 23 for communication with a host unit (I/O unit 26) through the communication bus 210.

Art Unit: 2634

With respect to claims 9 and 18, the transceiver 23 transmits the packet in accordance with conventional packet transfer protocols and the transceiver 32 decodes known decoding algorithms and receives data packets from the subscriber 20 and forwards them to the processor 34 (col. 3, lines 24-32 and col. 5, lines 13-17 and 33-37).

With respect to claims 10-15 and 19-24, the I/O units 17 and 26 are used to control the connection or disconnection with the other network connections through the communication buses 13 and 210.

With respect to claims 16 and 25, the communications system 30 is integrated with the host unit (14 and 16-18) through the communication bus 13 as a host computer 12 and the transceiver 23, the microprocessor 22, and the memory 24 are integrated with the host unit (I/O unit 26) through the communication bus 210 as a subscriber unit 20.

Conclusion

9. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

Art Unit: 2634

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Young Tse** whose telephone number is **(703) 305-4736**.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Stephen Chin**, can be reached at **(703) 305-4714**.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

P.O. Box 1450

Alexandria, VA 22313-1450

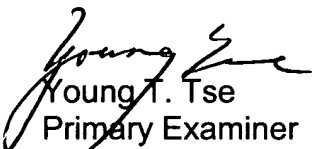
or faxed to:

(703) 872-9306

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).

Art Unit: 2634

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.


Young T. Tse
Primary Examiner
4/14/04